

**CLAIMS:**

1. An illuminating device, comprising:
  - a position data unit configured to generate position data;
  - 5 a modulator configured to modulate an electronic signal on a power line based on the position data from the position data unit; and
  - a lighting unit configured to generate illuminative light from the electronic signal modulated based on position data.
- 10 2. A cellular phone, comprising:
  - a light receiving unit configured to receive illuminative light modulated based on position data;
  - a position detector configured to detect position data from the light receiving unit;
  - and
  - 15 a processing unit configured to transmit detected position data from a transmitter/receiver of the cellular phone.
- 20 3. The cellular phone of Claim 2, wherein the light receiving unit configured to receive illuminative light modulated based on position data is a camera included in the cellular phone.